

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-64. (Canceled)

65. (Original) An optical routing apparatus comprising a moveable micro-mirror, the optical routing apparatus comprising:

a base layer;

a stop disposed over the base layer;

a structural plate supported above the base layer by a pivot, wherein the structural plate is deflectable to contact the stop; and

an actuator disposed near the stop, wherein application of an AC voltage to the actuator causes the stop to oscillate at a frequency at or about the frequency of the AC voltage, and wherein the oscillation is sufficient to overcome stiction related forces between the stop and the structural plate.

66. (Original) The system of claim 65, wherein the oscillation comprises a combination of horizontal and vertical movement relative to the base layer.

67. (Original) The system of claim 65, wherein the actuator is a first actuator, the system further comprising a second actuator, wherein application of a force to the second actuator causes the structural plate to deflect into contact with the stop.

68-91. (Canceled)